

Physical & Chemical Tests Record Sheet

(To be completed monthly)

Site Name: Sutherland C @ gorge Site Code: SUT
 Name of Monitoring Group: FOBR
 Person(s) Conducting the test: Deirdre +
 Date of test: 17.3.24 Time of test: 2:00 pm

Site Risk Assessment Completed: signature please: [Signature]
 (see inside back cover flap) Please note any circumstantial hazards and additional risks (see below)

Test	Result (units)	Comments
D.O.	<u>7.29</u> mg/L <u>81.5</u> % sat.	
Water Temperature	<u>20.3</u> °C	
Air Temperature	<u>29</u> °C	
pH	Tick if meter has been calibrated to pH 7 <input checked="" type="checkbox"/> & 10 pH <input checked="" type="checkbox"/> <u>7.4</u>	
Salinity	<u>12880</u> Tick if meter has been calibrated to 2000 EC <input type="checkbox"/> <u>3675</u> E.C.	
Reactive Phosphorus	<u>0.005</u> mg/L P	
Turbidity	<u><9</u> N.T.U./F.T.U.	

Weather conditions at the time of sampling:
 sunny cloudy overcast raining windy

Rainfall:
 Last rainfall: More than week ago During the last week During the last 24 hours Raining now
 Amount of rain: _____

<p>Water flow Flow indicator _____ ML/day Estimate of flow <input checked="" type="checkbox"/> Not flowing <input type="checkbox"/> Slow <input type="checkbox"/> Moderate <input type="checkbox"/> Rapid <input type="checkbox"/> Temporary <input type="checkbox"/> Permanent</p>	<p>Water appearance <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Milky <input type="checkbox"/> Foamy /frothy <input type="checkbox"/> Muddy <input type="checkbox"/> Smelly <input type="checkbox"/> Stained green <input type="checkbox"/> Scummy <input type="checkbox"/> Oily <input type="checkbox"/> Stained brown <input type="checkbox"/> Other (description) _____</p>
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Stream depth and width
 Depth indicator _____ metres 0 - 50 cm 51cm - 1m deep 1 to 2 metres
 Average width of stream: _____ metres 2 to 5 metres >5 metres Unknown

<p>Drains Water flowing from drain <input type="checkbox"/> Color _____ Odour _____ No water flowing from drain <input checked="" type="checkbox"/></p>	<p>Circumstantial hazard and additional risks Hazard: _____ Risk: _____ Risk Control Measures: _____</p>
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Litter pollutants: (Tick type found)

<input type="checkbox"/> paper	<input type="checkbox"/> bottles	<input type="checkbox"/> plastic	<input type="checkbox"/> clothing	<input type="checkbox"/> car bodies
<input type="checkbox"/> packets	<input type="checkbox"/> cans	<input type="checkbox"/> polystyrene	<input type="checkbox"/> oil	<input type="checkbox"/> petrol/diesel
		<input type="checkbox"/> waxed cardboard	<input type="checkbox"/> other	

To be completed on first testing of the year.

See the inside page of the back cover for the Habitat Survey Field Guide description.

Site Name:

Site Code:

Name of monitoring group:

Person(s) conducting the survey

Date of survey

Time of survey

a.m. / p.m.

Stream Habitat Rating:

Circle the appropriate rating for each component of the stream habitat.

Rating	Bank Vegetation	Verge Vegetation	In-stream Cover	Erosion & Stability	Pools, Riffles & Bends
Excellent	10	10	10	5	5
Good	8	8	8	4	4
Fair	6	6	6	3	3
Poor	4	4	4	2	2
Very poor	2	2	2	1	1

Add up all the numbers circled for a total score.

Total Score:

(The minimum score from this rating table is 8 and the maximum is 40)

Compare the total score with the range of scores below to assess the stream habitat rating.

Rating	Score	Rating	Score
Excellent	36 – 40	Poor	12 – 19
Good	29 – 35	Very poor	8 – 11
Fair	20 – 28		

Stream Habitat rating

Comments:

Record the names of the plants and animals you saw in/at the stream while surveying. Make separate species lists for Bank, Verge and In-stream habitats. Use a separate page if you need more space. Include any other relevant comments, eg. significant changes. Photos are a great record of changes in habitat.

*Other and constructive hands and feet
 could not be identified*